

[illegible]

Sy

[illegible]

LI
LI
LI
LI
LI
LI
LI

LI
LI
LI

LI
LI
LI
LI
LI
LI

```

LL      IIIIII  BBBB BBBB  CCCCCCCC  VV      VV  TTTTTTTTTT  TTTTTTTTTT  PPPPPPPP  UU      UU
LL      IIIIII  BBBB BBBB  CCCCCCCC  VV      VV  TTTTTTTTTT  TTTTTTTTTT  PPPPPPPP  UU      UU
LL      II      BB      BB  CC      CC  VV      VV  TT      TT  PP      PP  UU      UU
LL      II      BB      BB  CC      CC  VV      VV  TT      TT  PP      PP  UU      UU
LL      II      BB      BB  CC      CC  VV      VV  TT      TT  PP      PP  UU      UU
LL      II      BBBB BBBB  CC      CC  VV      VV  TT      TT  PPPPPPPP  UU      UU
LL      II      BBBB BBBB  CC      CC  VV      VV  TT      TT  PPPPPPPP  UU      UU
LL      II      BB      BB  CC      CC  VV      VV  TT      TT  PP      PP  UU      UU
LL      II      BB      BB  CC      CC  VV      VV  TT      TT  PP      PP  UU      UU
LL      II      BB      BB  CC      CC  VV      VV  TT      TT  PP      PP  UU      UU
LL      IIIIII  BBBB BBBB  CCCCCCCC  VV      VV  TT      TT  PP      PP  UU      UU
LLLLLLLL  IIIIII  BBBB BBBB  CCCCCCCC  VV      VV  TT      TT  PP      PP  UUUUUUUUUU  ....
LLLLLLLL  IIIIII  BBBB BBBB  CCCCCCCC  VV      VV  TT      TT  PP      PP  UUUUUUUUUU  ....

LL      IIIIII  SSSSSSSS
LL      IIIIII  SSSSSSSS
LL      II      SS
LL      II      SS
LL      II      SS
LL      II      SS
LL      II      SSSSSS
LL      II      SSSSSS
LL      II      SS
LL      II      SS
LL      II      SS
LL      IIIIII  SSSSSSSS
LLLLLLLL  IIIIII  SSSSSSSS
LLLLLLLL  IIIIII  SSSSSSSS
```

LI
Sy
LI

PS
--
L

Ph
--
In
Co
Pa
Sy
Pa
Sy
Ps
Cr
As

Th
26
Th
13
0

Ma
--
\$
0
Th
MA

(2)	50	HISTORY	; Detailed Current Edit History
(3)	59	DECLARATIONS	
(4)	89	LIB\$AB_CVTTP_U	

```
0000 1      .TITLE  LIB$AB_CVTTP_U  Unsigned to Packed Translation Table
0000 2      .IDENT  /1-0037          ; File: LIBCVTTPU.MAR
0000 3
0000 4
0000 5      *****
0000 6      *
0000 7      *  COPYRIGHT (c) 1978, 1980, 1982, 1984 BY
0000 8      *  DIGITAL EQUIPMENT CORPORATION, MAYNARD, MASSACHUSETTS.
0000 9      *  ALL RIGHTS RESERVED.
0000 10     *
0000 11     *  THIS SOFTWARE IS FURNISHED UNDER A LICENSE AND MAY BE USED AND COPIED
0000 12     *  ONLY IN ACCORDANCE WITH THE TERMS OF SUCH LICENSE AND WITH THE
0000 13     *  INCLUSION OF THE ABOVE COPYRIGHT NOTICE. THIS SOFTWARE OR ANY OTHER
0000 14     *  COPIES THEREOF MAY NOT BE PROVIDED OR OTHERWISE MADE AVAILABLE TO ANY
0000 15     *  OTHER PERSON. NO TITLE TO AND OWNERSHIP OF THE SOFTWARE IS HEREBY
0000 16     *  TRANSFERRED.
0000 17     *
0000 18     *  THE INFORMATION IN THIS SOFTWARE IS SUBJECT TO CHANGE WITHOUT NOTICE
0000 19     *  AND SHOULD NOT BE CONSTRUED AS A COMMITMENT BY DIGITAL EQUIPMENT
0000 20     *  CORPORATION.
0000 21     *
0000 22     *  DIGITAL ASSUMES NO RESPONSIBILITY FOR THE USE OR RELIABILITY OF ITS
0000 23     *  SOFTWARE ON EQUIPMENT WHICH IS NOT SUPPLIED BY DIGITAL.
0000 24     *
0000 25     *
0000 26     *****
0000 27
0000 28
0000 29     FACILITY: LIBRARY SUPPORT
0000 30     ++
0000 31     ABSTRACT:
0000 32     This module contains the translation table for unsigned to packed
0000 33     conversion using the CVTTP instruction.
0000 34
0000 35
0000 36     --
0000 37
0000 38     VERSION: 1
0000 39
0000 40     HISTORY:
0000 41
0000 42     AUTHOR:
0000 43     Marty Jack, 11-Mar-1979
0000 44
0000 45     MODIFIED BY:
0000 46
0000 47
0000 48
```

LIB\$AB_CVTTP_U
1-003

Unsigned to Packed Translation Table^{E 5} 15-SEP-1984 23:53:49 VAX/VMS Macro V04-00 Page 2
HISTORY ; Detailed Current Edit History 6-SEP-1984 11:05:05 [LIBRTL.SRC]LIBCVTTPU.MAR;1 (2)

0000 50 .SBTTL HISTORY ; Detailed Current Edit History
0000 51
0000 52
0000 53 : Edit History for Version 1 of LIBCVTTPU
0000 54 :
0000 55 : 1-001 - Original. MLJ 11-Mar-1979
0000 56 : 1-002 - Created LIBCVTTPU from rev. 1 of COBCVTTPU. RKR 21-Aug-1979
0000 57 : 1-003- Cosmetic changes. RKR 21-OCT-79

```
0000 59      .SBTTL  DECLARATIONS
0000 60
0000 61 :
0000 62 : INCLUDE FILES:
0000 63 :
0000 64 :
0000 65 :
0000 66 : EXTERNAL SYMBOLS:
0000 67 :     NONE
0000 68 :
0000 69 :
0000 70 :
0000 71 : MACROS:
0000 72 :     NONE
0000 73 :
0000 74 :
0000 75 :
0000 76 : PSECT DECLARATIONS:
0000 77 :     .PSECT  _LIB$CODE      PIC, SHR, LONG, EXE, NOWRT
0000 78 :
0000 79 :
0000 80 : EQUATED SYMBOLS:
0000 81 :     NONE
0000 82 :
0000 83 :
0000 84 :
0000 85 : OWN STORAGE:
0000 86 :     NONE
0000 87 :
```

```
0000 89 .SBTTL LIB$AB_CVTTP_U
0000 90
0000 91 :++
0000 92 : FUNCTIONAL DESCRIPTION:
0000 93 :
0000 94 : This is the unsigned to packed translation table.
0000 95 :
0000 96 :--
0000 97
0000 98 LIB$AB_CVTTP U::
00 00 00 00 00 00 00 00 0000 99 .BYTE ^X00,^X00,^X00,^X00,^X00,^X00,^X00,^X00
00 00 00 00 00 00 00 00 0008 100 .BYTE ^X00,^X00,^X00,^X00,^X00,^X00,^X00,^X00
00 00 00 00 00 00 00 00 0010 101 .BYTE ^X00,^X00,^X00,^X00,^X00,^X00,^X00,^X00
00 00 00 00 00 00 00 00 0018 102 .BYTE ^X00,^X00,^X00,^X00,^X00,^X00,^X00,^X00
00 00 00 00 00 00 00 00 0020 103 .BYTE ^X00,^X00,^X00,^X00,^X00,^X00,^X00,^X00
00 00 00 00 00 00 00 00 0028 104 .BYTE ^X00,^X00,^X00,^X00,^X00,^X00,^X00,^X00
7C 6C 5C 4C 3C 2C 1C 0C 0030 105 .BYTE ^X0C,^X1C,^X2C,^X3C,^X4C,^X5C,^X6C,^X7C
00 00 00 00 00 00 9C 8C 0038 106 .BYTE ^X8C,^X9C,^X00,^X00,^X00,^X00,^X00,^X00
00 00 00 00 00 00 00 00 0040 107 .BYTE ^X00,^X00,^X00,^X00,^X00,^X00,^X00,^X00
00 00 00 00 00 00 00 00 0048 108 .BYTE ^X00,^X00,^X00,^X00,^X00,^X00,^X00,^X00
00 00 00 00 00 00 00 00 0050 109 .BYTE ^X00,^X00,^X00,^X00,^X00,^X00,^X00,^X00
00 00 00 00 00 00 00 00 0058 110 .BYTE ^X00,^X00,^X00,^X00,^X00,^X00,^X00,^X00
00 00 00 00 00 00 00 00 0060 111 .BYTE ^X00,^X00,^X00,^X00,^X00,^X00,^X00,^X00
00 00 00 00 00 00 00 00 0068 112 .BYTE ^X00,^X00,^X00,^X00,^X00,^X00,^X00,^X00
00 00 00 00 00 00 00 00 0070 113 .BYTE ^X00,^X00,^X00,^X00,^X00,^X00,^X00,^X00
00 00 00 00 00 00 00 00 0078 114 .BYTE ^X00,^X00,^X00,^X00,^X00,^X00,^X00,^X00
00 00 00 00 00 00 00 00 0080 115 .BYTE ^X00,^X00,^X00,^X00,^X00,^X00,^X00,^X00
00 00 00 00 00 00 00 00 0088 116 .BYTE ^X00,^X00,^X00,^X00,^X00,^X00,^X00,^X00
00 00 00 00 00 00 00 00 0090 117 .BYTE ^X00,^X00,^X00,^X00,^X00,^X00,^X00,^X00
00 00 00 00 00 00 00 00 0098 118 .BYTE ^X00,^X00,^X00,^X00,^X00,^X00,^X00,^X00
00 00 00 00 00 00 00 00 00A0 119 .BYTE ^X00,^X00,^X00,^X00,^X00,^X00,^X00,^X00
00 00 00 00 00 00 00 00 00A8 120 .BYTE ^X00,^X00,^X00,^X00,^X00,^X00,^X00,^X00
00 00 00 00 00 00 00 00 00B0 121 .BYTE ^X00,^X00,^X00,^X00,^X00,^X00,^X00,^X00
00 00 00 00 00 00 00 00 00B8 122 .BYTE ^X00,^X00,^X00,^X00,^X00,^X00,^X00,^X00
00 00 00 00 00 00 00 00 00C0 123 .BYTE ^X00,^X00,^X00,^X00,^X00,^X00,^X00,^X00
00 00 00 00 00 00 00 00 00C8 124 .BYTE ^X00,^X00,^X00,^X00,^X00,^X00,^X00,^X00
00 00 00 00 00 00 00 00 00D0 125 .BYTE ^X00,^X00,^X00,^X00,^X00,^X00,^X00,^X00
00 00 00 00 00 00 00 00 00D8 126 .BYTE ^X00,^X00,^X00,^X00,^X00,^X00,^X00,^X00
00 00 00 00 00 00 00 00 00E0 127 .BYTE ^X00,^X00,^X00,^X00,^X00,^X00,^X00,^X00
00 00 00 00 00 00 00 00 00E8 128 .BYTE ^X00,^X00,^X00,^X00,^X00,^X00,^X00,^X00
00 00 00 00 00 00 00 00 00F0 129 .BYTE ^X00,^X00,^X00,^X00,^X00,^X00,^X00,^X00
00 00 00 00 00 00 00 00 00F8 130 .BYTE ^X00,^X00,^X00,^X00,^X00,^X00,^X00,^X00
0100 131 :
0100 132 .END
```

LIB\$AB_CVTTP_U
Symbol table

Unsigned to Packed Translation Table^{H 5}

15-SEP-1984 23:53:49 VAX/VMS Macro V04-00 Page 5
6-SEP-1984 11:05:05 [LIBRTL.SRC]LIBCVTTPU.MAR;1 (4)

LIB\$AB_CVTTP_U 00000000 RG 01

! Psect synopsis !

PSECT name	Allocation	PSECT No.	Attributes													
ABS	00000000 (0.)	00 (0.)	NOPIC	USR	CON	ABS	LCL	NOSHR	NOEXE	NORD	NOWRT	NOVEC	BYTE			
_LIB\$CODE	00000100 (256.)	01 (1.)	PIC	USR	CON	REL	LCL	SHR	EXE	RD	NOWRT	NOVEC	LONG			

! Performance indicators !

Phase	Page faults	CPU Time	Elapsed Time
Initialization	29	00:00:00.07	00:00:02.30
Command processing	112	00:00:00.33	00:00:04.49
Pass 1	65	00:00:00.44	00:00:05.38
Symbol table sort	0	00:00:00.01	00:00:00.01
Pass 2	38	00:00:00.20	00:00:01.92
Symbol table output	1	00:00:00.00	00:00:00.00
Psect synopsis output	3	00:00:00.02	00:00:00.03
Cross-reference output	0	00:00:00.00	00:00:00.00
Assembler run totals	250	00:00:01.07	00:00:14.14

The working set limit was 750 pages.
2623 bytes (6 pages) of virtual memory were used to buffer the intermediate code.
There were 10 pages of symbol table space allocated to hold 1 non-local and 0 local symbols.
132 source lines were read in Pass 1, producing 8 object records in Pass 2.
0 pages of virtual memory were used to define 0 macros.

! Macro library statistics !

Macro library name	Macros defined
_\$255\$DUA28:[SYSLIB]STARLET.MLB;2	0

0 GETS were required to define 0 macros.

There were no errors, warnings or information messages.

MACRO/ENABLE=SUPPRESSION/DISABLE=(GLOBAL,TRACEBACK)/LIS=LIS\$:LIBCVTTPU/OBJ=OBJ\$:LIBCVTTPU MSRC\$:LIBCVTTPU/UPDATE=(ENH\$:LIBCVTTPU)

0205 AH-BT13A-SE
VAX/VMS V4.0

DIGITAL EQUIPMENT CORPORATION
CONFIDENTIAL AND PROPRIETARY

LIBCUTTPU
LIS

LIBCUTUO
LIS

LIBDAY
LIS

LIBDECOVE
LIS

LIBCUTOU
LIS

LIBCUTPTU
LIS

LIBCUTTPO
LIS

LIBDECOFF
LIS

LIBDOCOM
LIS

LIBCUTTPZ
LIS

LIBDATETI
LIS

LIBDELETE
LIS

LIBCUTPTO
LIS

LIBDAYWK
LIS

LIBCUTPTZ
LIS